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1. Power distribution techniques for VLSI circuits
Song, W.S.; Glasser, L.A.;
[Solid-State Circuits, IEEE Journal of](#)
Volume 21, Issue 1, Feb 1986 Page(s):150 - 156
[AbstractPlus](#) | Full Text: [PDF](#)(872 KB) IEEE JNL
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2. Unconstrained via minimization for topological multilayer routing
Stallmann, M.; Hughes, T.; Liu, W.;
[Computer-Aided Design of Integrated Circuits and Systems, IEEE Transactions on](#)
Volume 9, Issue 9, Sept. 1990 Page(s):970 - 980
Digital Object Identifier 10.1109/43.59073
[AbstractPlus](#) | Full Text: [PDF](#)(1068 KB) IEEE JNL
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3. Single-layer global routing
Sarrafzadeh, M.; Kuo-Feng Liao; Wong, C.K.;
[Computer-Aided Design of Integrated Circuits and Systems, IEEE Transactions on](#)
Volume 13, Issue 1, Jan. 1994 Page(s):38 - 47
Digital Object Identifier 10.1109/43.273751
[AbstractPlus](#) | Full Text: [PDF](#)(872 KB) IEEE JNL
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4. Design and fabrication of a high aspect ratio cable for a high gradient quadrupole magnet
Scanlan, R.; McInturff, A.D.; Taylor, C.E.; Caspi, S.; Dell'Orco, D.; Higley, H.; Gourlay, S.; Bossert, A.V.;
[Applied Superconductivity, IEEE Transactions on](#)
Volume 7, Issue 2, Part 1, June 1997 Page(s):936 - 938
Digital Object Identifier 10.1109/77.614658
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(520 KB) IEEE JNL
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5. VLSI circuit placement with rectilinear modules using three-layer force-directed self-organiz
Ray-I Chang; Pei-Yung Hsiao;
[Neural Networks, IEEE Transactions on](#)
Volume 8, Issue 5, Sept. 1997 Page(s):1049 - 1064
Digital Object Identifier 10.1109/72.623207

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(368 KB\)](#) IEEE JNL
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6. High frequency measurements and simulations on wire-bonded modules on the sequential I (SBU's)
Sihlbom, R.; Demevik, M.; Lindgren, M.; Starski, J.P.; Lai, Z.; Liu, J.;
[Components, Packaging, and Manufacturing Technology, Part A, IEEE Transactions on \[see also \(and Manufacturing Technology, IEEE Transactions on\)\]](#)
Volume 21, Issue 3, Sept. 1998 Page(s):478 - 491
Digital Object Identifier 10.1109/95.725212
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(344 KB\)](#) IEEE JNL
[Rights and Permissions](#)
7. Optimal n-tier multilevel Interconnect architectures for gigascale integration (GSI)
Venkatesan, R.; Davis, J.A.; Bowman, K.A.; Meindl, J.D.;
[Very Large Scale Integration \(VLSI\) Systems, IEEE Transactions on](#)
Volume 9, Issue 6, Dec. 2001 Page(s):899 - 912
Digital Object Identifier 10.1109/92.974903
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(279 KB\)](#) IEEE JNL
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8. Development of (Nb,Ta)₃Sn multifilamentary superconductors using Osprey bronze with hig
Abacherli, V.; Seeber, B.; Walker, E.; Flukiger, R.; Thiele, W.; Perenboom, J.A.A.J.;
[Applied Superconductivity, IEEE Transactions on](#)
Volume 11, Issue 1, Part 3, March 2001 Page(s):3667 - 3670
Digital Object Identifier 10.1109/77.919860
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(576 KB\)](#) IEEE JNL
[Rights and Permissions](#)
9. Optimization of endoluminal loop radiofrequency coils for gastrointestinal wall MR Imaging
Armenean, M.; Beuf, O.; Pilleul, F.; Saint-James, H.;
[Sensors Journal, IEEE](#)
Volume 4, Issue 1, Feb. 2004 Page(s):57 - 64
Digital Object Identifier 10.1109/JSEN.2003.820334
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(520 KB\)](#) IEEE JNL
[Rights and Permissions](#)
10. Interconnect and thermal-aware floorplanning for 3D microprocessors
Hung, W.-L.; Link, G.M.; Yuan Xie; Vijaykrishnan, N.; Irwin, M.J.;
[Quality Electronic Design, 2006. ISQED '06. 7th International Symposium on](#)
27-29 March 2006 Page(s):6 pp.
Digital Object Identifier 10.1109/ISQED.2006.77
[AbstractPlus](#) | Full Text: [PDF\(296 KB\)](#) IEEE CNF
[Rights and Permissions](#)
11. Enabling technologies for wafer-level bonding of 3D MEMS and integrated circuit structures
Topol, A.W.; Furman, B.K.; Guarini, K.W.; Shi, L.; Cohen, G.M.; Walker, G.F.;
[Electronic Components and Technology Conference, 2004. Proceedings. 54th](#)
Volume 1, 1-4 June 2004 Page(s):931 - 938 Vol.1
Digital Object Identifier 10.1109/ECTC.2004.1319449
[AbstractPlus](#) | Full Text: [PDF\(1153 KB\)](#) IEEE CNF
[Rights and Permissions](#)
12. Analytic model for area and power constrained optimal repeater insertion
Garcea, G.S.; van der Meijs, N.P.; Otten, R.H.J.M.;
[Solid-State Circuits Conference, 2003. ESSCIRC '03. Proceedings of the 29th European](#)
16-18 Sept. 2003 Page(s):591 - 594
Digital Object Identifier 10.1109/ESSCIRC.2003.1257204
[AbstractPlus](#) | Full Text: [PDF\(494 KB\)](#) IEEE CNF

[Rights and Permissions](#)**13. Comparison of propagation characteristics between single and coupled MIS interconnect to circuits**

Zhong-Fang Jin; Jean-Jacques Laurin; Savaria, Y.;

[Electrical and Computer Engineering, 2003. IEEE CCECE 2003. Canadian Conference on Volume 1, 4-7 May 2003](#) Page(s):5 - 8 vol.1

Digital Object Identifier 10.1109/CCECE.2003.1226331

[AbstractPlus](#) | Full Text: [PDF\(326 KB\)](#) IEEE CNF[Rights and Permissions](#)**14. A novel metric for interconnect architecture performance**

Dasgupta, P.; Kahng, A.B.; Muddu, S.;

[Design, Automation and Test in Europe Conference and Exhibition, 2003](#)

2003 Page(s):448 - 453

Digital Object Identifier 10.1109/DATE.2003.1253650

[AbstractPlus](#) | Full Text: [PDF\(323 KB\)](#) IEEE CNF[Rights and Permissions](#)**15. Analysis of noise avoidance techniques in DSM interconnects using a complete crosstalk model**

Becer, M.R.; Blaauw, D.; Zolotov, V.; Panda, R.; Hajj, I.N.;

[Design, Automation and Test in Europe Conference and Exhibition, 2002. Proceedings](#)

4-8 March 2002 Page(s):456 - 463

Digital Object Identifier 10.1109/DATE.2002.998313

[AbstractPlus](#) | Full Text: [PDF\(400 KB\)](#) IEEE CNF[Rights and Permissions](#)**16. Repeater and interconnect strategies for high-performance physical designs**

Muddu, S.; Sarto, E.; Hofmann, M.; Bashteen, A.;

[Integrated Circuit Design, 1998. Proceedings. XI Brazilian Symposium on](#)

30 Sept.-3 Oct. 1998 Page(s):226 - 231

Digital Object Identifier 10.1109/SBCCI.1998.715447

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 McGuire, T.; Potter, R.;
[Magnetics, IEEE Transactions on](#)
 Volume 11, Issue 4, Jul 1975 Page(s):1018 - 1038
[AbstractPlus](#) | Full Text: [PDF](#)(2152 KB) IEEE JNL
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- ☐ 2. **Device scaling limits of Si MOSFETs and their application dependencies**
 Frank, D.J.; Dennard, R.H.; Nowak, E.; Solomon, P.M.; Taur, Y.; Hon-Sum Philip Wong;
[Proceedings of the IEEE](#)
 Volume 89, Issue 3, March 2001 Page(s):259 - 288
 Digital Object Identifier 10.1109/5.915374
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 Capasso, F.; Mohammed, K.; Cho, A.;
[Quantum Electronics, IEEE Journal of](#)
 Volume 22, Issue 9, Sep 1986 Page(s):1853 - 1869
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- ☐ 2. InAs-InAlGaAs quantum dot DFB lasers based on InP [001]
 Jin Soo Kim; Jin Hong Lee; Sung Ui Hong; Ho-Sang Kwack; Byung Seok Choi; Dae Kon Oh;
[Photonics Technology Letters, IEEE](#)
 Volume 18, Issue 4, Feb. 15, 2006 Page(s):595 - 597
 Digital Object Identifier 10.1109/LPT.2006.870187
[AbstractPlus](#) | Full Text: [PDF](#)(472 KB) IEEE JNL
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- ☐ 3. Thin Film Edge Property Measurements by Edge Saturation
 Maranville, B.B.; McMichael, R.D.; Dennis, C.L.; Ross, C.A.; Cheng, J.Y.;
[Magnetics, IEEE Transactions on](#)
 Volume 42, Issue 10, Oct. 2006 Page(s):2951 - 2953
 Digital Object Identifier 10.1109/TMAG.2006.878417
[AbstractPlus](#) | Full Text: [PDF](#)(520 KB) IEEE JNL
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- ☐ 4. Performance of Short Antennas
 Smith, C.E.; Johnson, E.M.;
[Proceedings of the IRE](#)
 Volume 35, Issue 10, Oct. 1947 Page(s):1026 - 1038
[AbstractPlus](#) | Full Text: [PDF](#)(7008 KB) IEEE JNL
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- ☐ 5. Tunable and Sensitive Biophotonic Waveguides Based on Photonic-Bandgap Microcavities
 Png, C.E.; Lim, S.T.; Li, E.P.; Reed, G.T.;
[Nanotechnology, IEEE Transactions on](#)
 Volume 5, Issue 5, Sept. 2006 Page(s):478 - 484
 Digital Object Identifier 10.1109/TNANO.2006.881275
[AbstractPlus](#) | Full Text: [PDF](#)(616 KB) IEEE JNL

[Rights and Permissions](#)**6. Radio Transmission Studies of the Upper Atmosphere**

Schaffer, J.P.; Goodall, W.M.;

[Proceedings of the IRE](#)

Volume 19, Issue 8, Aug. 1931 Page(s):1434 - 1445

[AbstractPlus](#) | Full Text: [PDF](#)(2016 KB) IEEE JNL[Rights and Permissions](#)**7. Fabrication of three-dimensional magnetic microdevices with embedded microcoils for magnetic concentration**

Ramadan, Q.; Samper, V.D.; Puiu, D.P.; Chen Yu;

[Microelectromechanical Systems, Journal of](#)

Volume 15, Issue 3, June 2006 Page(s):624 - 638

Digital Object Identifier 10.1109/JMEMS.2006.876788

[AbstractPlus](#) | Full Text: [PDF](#)(7168 KB) IEEE JNL[Rights and Permissions](#)**8. Development of short pulsed corona on two-wire transmission line**

Pokryvailo, A.; Yankelevich, Y.; Nissim, N.; Baksht, R.; Ashkenazy, J.;

[Plasma Science, IEEE Transactions on](#)

Volume 34, Issue 1, Feb. 2006 Page(s):104 - 114

Digital Object Identifier 10.1109/TPS.2005.863593

[AbstractPlus](#) | Full Text: [PDF](#)(872 KB) IEEE JNL[Rights and Permissions](#)**9. Wide-range two-dimensional imaging of NO density profiles by LIF technique in a corona reactor**

Kanazawa, S.; Sumi, T.; Sato, N.; Ohkubo, T.; Nomoto, Y.; Kocik, M.; Mizeraczyk, J.; Jen-Shih Chen

[Industry Applications, IEEE Transactions on](#)

Volume 41, Issue 1, Jan.-Feb. 2005 Page(s):200 - 205

Digital Object Identifier 10.1109/TIA.2004.840983

[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(912 KB) IEEE JNL[Rights and Permissions](#)**10. The in-line cryotron**

Brennemann, A.E.;

[Proceedings of the IEEE](#)

Volume 51, Issue 3, March 1963 Page(s):442 - 451

[AbstractPlus](#) | Full Text: [PDF](#)(933 KB) IEEE JNL[Rights and Permissions](#)**11. A new circuit configuration for a single-transistor cell using Al-gate technology with reduced area**

Meusburger, G.;

[Solid-State Circuits, IEEE Journal of](#)

Volume 12, Issue 3, Jun 1977 Page(s):253 - 257

[AbstractPlus](#) | Full Text: [PDF](#)(736 KB) IEEE JNL[Rights and Permissions](#)**12. The spatial distribution of flux waveform across the limbs in a three-phase transformer core**

Basak, A.;

[Magnetics, IEEE Transactions on](#)

Volume 16, Issue 3, May 1980 Page(s):540 - 544

[AbstractPlus](#) | Full Text: [PDF](#)(472 KB) IEEE JNL[Rights and Permissions](#)**13. Bibliography of thin magnetic films (1963-1967)**

Chang, H.; Lin, Y.;

[Magnetics, IEEE Transactions on](#)

Volume 3, Issue 4, Dec 1967 Page(s):653 - 700

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14. Lateral scaling effects on high-current transients in submicrometer bipolar transistors

Hamasaki, T.; Wada, T.; Shigyo, N.; Yoshimi, M.;

[Electron Devices, IEEE Transactions on](#)

Volume 35, Issue 10, Part 1, Oct. 1988 Page(s):1620 - 1626

Digital Object Identifier 10.1109/16.7363

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15. TRIM: testability range by ignoring the memory

Carter, L.; Huisman, L.M.; Williams, T.W.;

[Computer-Aided Design of Integrated Circuits and Systems, IEEE Transactions on](#)

Volume 7, Issue 1, Jan. 1988 Page(s):38 - 49

Digital Object Identifier 10.1109/43.3128

[AbstractPlus](#) | Full Text: [PDF\(1176 KB\)](#) IEEE JNL

[Rights and Permissions](#)



16. Solder bumper formation using electroless plating and ultrasonic soldering

Inaba, M.; Yamakawa, K.; Iwase, N.;

[Components, Hybrids, and Manufacturing Technology, IEEE Transactions on \[see also IEEE Trans. Packaging, and Manufacturing Technology, Part A, B, C\]](#)

Volume 13, Issue 1, Mar 1990 Page(s):119 - 123

Digital Object Identifier 10.1109/33.52858

[AbstractPlus](#) | Full Text: [PDF\(380 KB\)](#) IEEE JNL

[Rights and Permissions](#)



17. Poisson modeling of ultraconfined AlGaAs-GaAs semiconductor devices with selective dop

Bigelow, J.M.; Leburton, J.P.; Klejwa, M.; Adesida, I.;

[Electron Devices, IEEE Transactions on](#)

Volume 37, Issue 3, Part 1, March 1990 Page(s):821 - 823

Digital Object Identifier 10.1109/16.47797

[AbstractPlus](#) | Full Text: [PDF\(252 KB\)](#) IEEE JNL

[Rights and Permissions](#)



18. A process for fabricating submicron all-refractory Josephson tunnel junction circuits

Dang, H.; Radparvar, M.;

[Magnetics, IEEE Transactions on](#)

Volume 27, Issue 2, Part 4, Mar 1991 Page(s):3157 - 3160

Digital Object Identifier 10.1109/20.133881

[AbstractPlus](#) | Full Text: [PDF\(408 KB\)](#) IEEE JNL

[Rights and Permissions](#)



19. Determination of differences in the density of silicon single crystals by observing their float pressures

Kozdon, A.F.; Spieweck, F.;

[Instrumentation and Measurement, IEEE Transactions on](#)

Volume 41, Issue 3, June 1992 Page(s):420 - 426

Digital Object Identifier 10.1109/19.153340

[AbstractPlus](#) | Full Text: [PDF\(540 KB\)](#) IEEE JNL

[Rights and Permissions](#)



20. Mobility modulation in a quasi-one-dimensional Si-MOSFET with a dual-gate structure

Matsuoka, H.; Ichiguchi, T.; Yoshimura, T.; Takeda, E.;

[Electron Device Letters, IEEE](#)

Volume 13, Issue 1, Jan. 1992 Page(s):20 - 22

Digital Object Identifier 10.1109/55.144938

[AbstractPlus](#) | Full Text: [PDF\(224 KB\)](#) IEEE JNL

[Rights and Permissions](#)



21. Design of sealed cavity microstructures formed by silicon wafer bonding

Huff, M.A.; Nikolich, A.D.; Schmidt, M.A.;

[Microelectromechanical Systems, Journal of](#)

Volume 2, Issue 2, June 1993 Page(s):74 - 81

Digital Object Identifier 10.1109/84.232603

[AbstractPlus](#) | Full Text: [PDF\(888 KB\)](#) IEEE JNL

[Rights and Permissions](#)



22. Analysis of resistance behavior in Ti- and Ni-sallicided polysilicon films

Ohguro, T.; Nakamura, S.; Koike, M.; Morimoto, T.; Nishiyama, A.; Ushiku, Y.; Yoshitomi, T.; Ono,

[Electron Devices, IEEE Transactions on](#)

Volume 41, Issue 12, Dec. 1994 Page(s):2305 - 2317

Digital Object Identifier 10.1109/16.337443

[AbstractPlus](#) | Full Text: [PDF\(1444 KB\)](#) IEEE JNL

[Rights and Permissions](#)



23. High current densities and associated failure mechanisms in long narrow Ti/sub 2/Ba/sub 2/ films

Holstein, W.L.; Wilker, C.; Pang, P.S.W.; Laubacher, D.B.; McKenna, S.P.; Face, D.W.;

[Applied Superconductivity, IEEE Transactions on](#)

Volume 5, Issue 2, Part 2, Jun 1995 Page(s):1693 - 1696

Digital Object Identifier 10.1109/77.402902

[AbstractPlus](#) | Full Text: [PDF\(464 KB\)](#) IEEE JNL

[Rights and Permissions](#)



24. Effect of overvoltage on the risetime and amplitude of PD pulses

Bartnikas, R.; Novak, J.P.;

[Dielectrics and Electrical Insulation, IEEE Transactions on](#) [see also [Electrical Insulation, IEEE Tra](#)

Volume 2, Issue 4, Aug. 1995 Page(s):557 - 566

Digital Object Identifier 10.1109/94.407021

[AbstractPlus](#) | Full Text: [PDF\(776 KB\)](#) IEEE JNL

[Rights and Permissions](#)



25. High-density and high-quality frame transfer CCD imager with very low smear, low dark current sensitivity

Hagiwara, Y.;

[Electron Devices, IEEE Transactions on](#)

Volume 43, Issue 12, Dec. 1996 Page(s):2122 - 2130

Digital Object Identifier 10.1109/16.544383

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(1432 KB\)](#) IEEE JNL

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- 1. Resonant tunneling through double barriers, perpendicular quantum transport phenomena I their device applications**
 Capasso, F.; Mohammed, K.; Cho, A.;
[Quantum Electronics, IEEE Journal of](#)
 Volume 22, Issue 9, Sep 1986 Page(s):1853 - 1869
[AbstractPlus](#) | Full Text: [PDF](#)(6112 KB) IEEE JNL
[Rights and Permissions](#)
- 2. Striped-substrate double-heterostructure lasers**
 Burnham, R.; Scifres, D.; Tramontana, J.; Alimonda, A.;
[Quantum Electronics, IEEE Journal of](#)
 Volume 11, Issue 7, Part 1, Jul 1975 Page(s):418 - 420
[AbstractPlus](#) | Full Text: [PDF](#)(488 KB) IEEE JNL
[Rights and Permissions](#)
- 3. Polarization-insensitive quantum-well semiconductor optical amplifiers**
 Koonath, P.; Sangin Kim; Woon-Jo Cho; Gopinath, A.;
[Quantum Electronics, IEEE Journal of](#)
 Volume 38, Issue 9, Sept. 2002 Page(s):1282 - 1290
 Digital Object Identifier 10.1109/JQE.2002.802445
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(319 KB) IEEE JNL
[Rights and Permissions](#)
- 4. Electromagnetic and physical properties of sea ice formed in the presence of wave action**
 Onstott, R.G.; Gogineni, P.; Gow, A.J.; Grenfell, T.C.; Jezek, K.C.; Perovich, D.K.; Swift, C.T.;
[Geoscience and Remote Sensing, IEEE Transactions on](#)
 Volume 36, Issue 5, Part 2, Sept. 1998 Page(s):1764 - 1783
 Digital Object Identifier 10.1109/36.718644
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(512 KB) IEEE JNL
[Rights and Permissions](#)
- 5. Optical line shape functions in quantum-well and quantum-wire structures**
 Ohtoshi, T.; Yamanishi, M.;
[Quantum Electronics, IEEE Journal of](#)
 Volume 27, Issue 1, Jan. 1991 Page(s):46 - 53
 Digital Object Identifier 10.1109/3.73540
[AbstractPlus](#) | Full Text: [PDF](#)(588 KB) IEEE JNL

[Rights and Permissions](#)

6. InAs-InAlGaAs quantum dot DFB lasers based on InP [001]

Jin Soo Kim; Jin Hong Lee; Sung Ui Hong; Ho-Sang Kwack; Byung Seok Choi; Dae Kon Oh;

[Photonics Technology Letters, IEEE](#)

Volume 18, Issue 4, Feb. 15, 2006 Page(s):595 - 597

Digital Object Identifier 10.1109/LPT.2006.870187

[AbstractPlus](#) | Full Text: [PDF](#)(472 KB) IEEE JNL[Rights and Permissions](#)

7. Reduction of propagation loss to 0.1 dB/mm: flat-core channel waveguides consisting of pe

Ohkubo, H.; Ohtera, Y.; Miura, K.; Akutsu, N.; Hikage, M.; Kawakami, S.;

[Photonics Technology Letters, IEEE](#)

Volume 16, Issue 4, April 2004 Page(s):1068 - 1070

Digital Object Identifier 10.1109/LPT.2004.824628

[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(232 KB) IEEE JNL[Rights and Permissions](#)

8. A short-period GaAs-AlGaAs quantum-wire array laser with a submicrometer current blocki

Tae-Geun Kim; Kyung-Hyun Park; Eun Kyu Kim; Suk-Ki Min; Jung-Ho Park;

[Photonics Technology Letters, IEEE](#)

Volume 9, Issue 1, Jan. 1997 Page(s):2 - 4

Digital Object Identifier 10.1109/68.554151

[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(364 KB) IEEE JNL[Rights and Permissions](#)

9. Low threshold current density operation of GaInAsP-InP laser with multiple reflector microc

Ki-Chul Shin; Tamura, M.; Kasukawa, A.; Serizawa, N.; Kurihashi, S.; Tamura, S.; Arai, S.;

[Photonics Technology Letters, IEEE](#)

Volume 7, Issue 10, Oct. 1995 Page(s):1119 - 1121

Digital Object Identifier 10.1109/68.466562

[AbstractPlus](#) | Full Text: [PDF](#)(300 KB) IEEE JNL[Rights and Permissions](#)

10. Computer-controlled technique for cutting curved grooves in polished fiber-optic coupler s

Dahlgren, R.P.; Katis, N.H.;

[Photonics Technology Letters, IEEE](#)

Volume 5, Issue 10, Oct. 1993 Page(s):1227 - 1230

Digital Object Identifier 10.1109/68.248436

[AbstractPlus](#) | Full Text: [PDF](#)(424 KB) IEEE JNL[Rights and Permissions](#)

11. Electron Beams and Their Applications in Low Voltage Devices

Thompson, H.C.;

[Proceedings of the IRE](#)

Volume 24, Issue 10, Oct. 1936 Page(s):1276 - 1297

[AbstractPlus](#) | Full Text: [PDF](#)(2424 KB) IEEE JNL[Rights and Permissions](#)

12. Tunable and Sensitive Biophotonic Waveguides Based on Photonic-Bandgap Microcavities

Png, C.E.; Lim, S.T.; Li, E.P.; Reed, G.T.;

[Nanotechnology, IEEE Transactions on](#)

Volume 5, Issue 5, Sept. 2006 Page(s):478 - 484

Digital Object Identifier 10.1109/TNANO.2006.881275

[AbstractPlus](#) | Full Text: [PDF](#)(616 KB) IEEE JNL[Rights and Permissions](#)

13.

Nanometer scale electrode separation (nanogap) using electromigration at room temperatur

Mahapatro, A.K.; Ghosh, S.; Janes, D.B.;
[Nanotechnology, IEEE Transactions on](#)
Volume 5, Issue 3, May 2006 Page(s):232 - 236
Digital Object Identifier 10.1109/TNANO.2006.874053
[AbstractPlus](#) | Full Text: [PDF](#)(944 KB) IEEE JNL
[Rights and Permissions](#)



14. Replicated polymeric optical waveguide devices with large core connectable to plastic optic thermo-plastic and thermo-curable resins
Mizuno, H.; Sugihara, O.; Jordan, S.; Okamoto, N.; Ohama, M.; Kaino, T.;
[Lightwave Technology, Journal of](#)
Volume 24, Issue 2, Feb. 2006 Page(s):919 - 926
Digital Object Identifier 10.1109/JLT.2005.862454
[AbstractPlus](#) | Full Text: [PDF](#)(368 KB) IEEE JNL
[Rights and Permissions](#)



15. Low-threshold and high-efficiency operation of distributed reflector lasers with width-modul regions
Ohira, K.; Murayama, T.; Tamura, S.; Arai, S.;
[Selected Topics in Quantum Electronics, IEEE Journal of](#)
Volume 11, Issue 5, Sept.-Oct. 2005 Page(s):1162 - 1168
Digital Object Identifier 10.1109/JSTQE.2005.854147
[AbstractPlus](#) | Full Text: [PDF](#)(264 KB) IEEE JNL
[Rights and Permissions](#)



16. An x-axis single-crystalline silicon microgyroscope fabricated by the extended SBM process
Jongpal Kim; Sangjun Park; Donghun Kwak; Hyoungho Ko; Cho, D.D.;
[Microelectromechanical Systems, Journal of](#)
Volume 14, Issue 3, June 2005 Page(s):444 - 455
Digital Object Identifier 10.1109/JMEMS.2005.844799
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(1696 KB) IEEE JNL
[Rights and Permissions](#)



17. Microwave properties of self-aligned GaAs/AlGaAs heterojunction bipolar transistors on sili
Fischer, R.; Klem, J.; Peng, C.K.; Gedymin, J.S.; Morkoc, H.;
[Electron Device Letters, IEEE](#)
Volume 7, Issue 2, Feb 1986 Page(s):112 - 114
[AbstractPlus](#) | Full Text: [PDF](#)(392 KB) IEEE JNL
[Rights and Permissions](#)



18. Topography of obliquely evaporated silicon oxide films and its effect on liquid-crystal orient
Goodman, L.A.; McGinn, J.T.; Anderson, C.H.; DiGeronimo, F.;
[Electron Devices, IEEE Transactions on](#)
Volume 24, Issue 7, Jul 1977 Page(s):795 - 804
[AbstractPlus](#) | Full Text: [PDF](#)(1536 KB) IEEE JNL
[Rights and Permissions](#)



19. Dependence of GaAs power MESFET microwave performance on device and material param
Macksey, H.M.; Adams, R.L.; McQuiddy, D.N., Jr.; Shaw, D.W.; Wissemann, W.R.;
[Electron Devices, IEEE Transactions on](#)
Volume 24, Issue 2, Feb 1977 Page(s):113 - 122
[AbstractPlus](#) | Full Text: [PDF](#)(1296 KB) IEEE JNL
[Rights and Permissions](#)



20. Design and manufacture of a microwave low-noise transistor having beam-leads
Pestie, J.-P.; Fourier, J.-Y.;
[Electron Devices, IEEE Transactions on](#)
Volume 24, Issue 2, Feb 1977 Page(s):73 - 79

[AbstractPlus](#) | Full Text: [PDF\(912 KB\)](#) IEEE JNL
[Rights and Permissions](#)



21. Josephson edge-junction devices using E-beam lithography

Vettiger, P.; Moore, D.F.; Forster, T.;
[Electron Devices, IEEE Transactions on](#)
Volume 28, Issue 11, Nov 1981 Page(s):1385 - 1393

[AbstractPlus](#) | Full Text: [PDF\(2440 KB\)](#) IEEE JNL
[Rights and Permissions](#)



22. Edge-defined patterning of hyperfine refractory metal silicide MOS structures

Okazaki, S.; Chow, T.P.; Steckl, A.J.;
[Electron Devices, IEEE Transactions on](#)
Volume 28, Issue 11, Nov 1981 Page(s):1364 - 1368

[AbstractPlus](#) | Full Text: [PDF\(1008 KB\)](#) IEEE JNL
[Rights and Permissions](#)



23. Coplanar gas-discharge display

Anandan, M.; Wadhwa, R.P.; Satyam, M.; Savor, K.R.;
[Electron Devices, IEEE Transactions on](#)
Volume 28, Issue 9, Sep 1981 Page(s):1035 - 1042

[AbstractPlus](#) | Full Text: [PDF\(1064 KB\)](#) IEEE JNL
[Rights and Permissions](#)



24. A new fusible-type programmable element composed of Aluminum and polysilicon

Fukuda, Y.; Kohda, S.; Masuda, K.; Kitano, Y.;
[Electron Devices, IEEE Transactions on](#)
Volume 33, Issue 2, Feb 1986 Page(s):250 - 253

[AbstractPlus](#) | Full Text: [PDF\(896 KB\)](#) IEEE JNL
[Rights and Permissions](#)



25. Electrical performance and physics of isolation region structures for VLSI

Goodwin, S.H.; Plummer, J.D.;
[Electron Devices, IEEE Transactions on](#)
Volume 31, Issue 7, Jul 1984 Page(s):861 - 872

[AbstractPlus](#) | Full Text: [PDF\(1528 KB\)](#) IEEE JNL
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